PART-2 (TASK 5)

1. Write a bash script to echo your name 25 times.

```
sujith@sujith-VirtualBox:~$ printf 'Sujith\n%.0s' {1..25}
Sujith
sujith@sujith-VirtualBox:~$
```

2. What command should I use to display the FIRST 30 entries of syslog file?

```
usithesujth-VirtualBox:>$ head -n 30 /var/log/syslog

Jan 15 22:07:22 sujtth-VirtualBox rsyslogd: [crigin software="rsyslogd" swVersion="8.2001.0" x-pid="581" x-info="https://www.rsyslog.com"] rsyslogd was HLPed

Jan 15 22:07:22 sujtth-VirtualBox voltskafg855]: failed to load the 'ndraid' libblockdev plugin

Jan 15 22:07:22 sujtth-VirtualBox NetworkHanager[557]: <info- [1642264646.7572] Loaded device plugin: NMAthYanager (/usr/lib/x86_64-linux-gnu/NetworkHanager/1.22.10/libn n-device-plugin-askl.so)

Jan 15 22:07:22 sujtth-VirtualBox systemd[1]: Finished Rotate log files.

Jan 15 22:07:22 sujtth-VirtualBox volten/Manager[557]: <info- NoderWanager (solt): <info- starting in system bus...

Jan 15 22:07:22 sujtth-VirtualBox volten/Manager[557]: <info- [1642264646.8899] Loaded device plugin: NMWifisatory (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-bluctotths: Sujtth-VirtualBox volten/Manager[557]: <info- [1642264647.5988] Loaded device plugin: NMWifisatory (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-bluctotths: Sujtth-VirtualBox volten/Manager[557]: <info- [1642264647.5988] Loaded device plugin: NMEluezManager (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-bluctotths: Sujtth-VirtualBox volten/Manager[557]: <info- [1642264647.5988] Loaded device plugin: NMEluezManager (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-bluctotths: Sujtth-VirtualBox volten/Manager[557]: <info- [1642264647.5983] loaded device plugin: NMTeanFactory (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-bluctotths: Sujtth-VirtualBox NetworkManager[557]: <info- [1642264647.5983] loaded device plugin: NMHanaFactory (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-tean.so)

Jan 15 22:07:27 sujtth-VirtualBox NetworkManager[557]: <info- [1642264647.5983] loaded device plugin: NMHanaFactory (/usr/lib/x86_64-linux-gnu/NetworkManager/1.22.10/lib nn-device-plugin-tean.so)

Jan 15 22:07:27 sujtth-VirtualBox Networ
```

3. What Command should I use to display the LAST 30 entries of syslog file?

```
rep 27 19:80:46 sujith-VirtualBox systend[787]; prone-terminal-server.service: Succeeded.

Feb 27 19:80:46 sujith-VirtualBox snapd[579]: storehelpers.go;721: cannot refresh: snap has no updates available: "bare", "core18", "core20", "gnome-3-34-1804", "gnome-3-36-2004", "gtk-common.themes", "snap-store", "sna
```

- 4. What command should I use to arrange the entries of a file
 - We will create a text file "Sample.txt"

```
Sample.txt
--/Desktop

1 H
2 e
3 l
4 l
5 o
6 W
7 o
8 r
9 l
10 d
11 1
12 2
13 3
14 4
15 5
16 6
17 7
18 8
```

Alphabetically

```
sujith@sujith-VirtualBox:~/Desktop$ sort Sample.txt

d
e
H
l
l
o
o
r
```

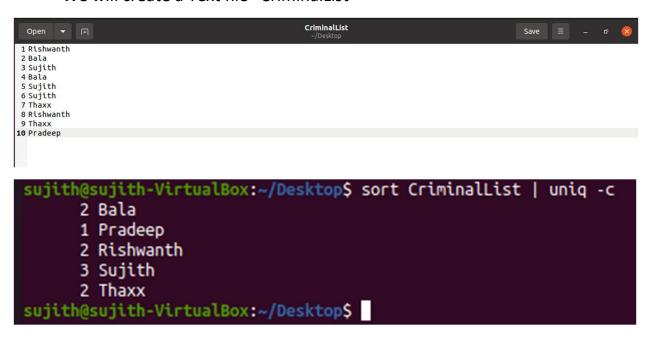
Reverse Order

```
sujith@sujith-VirtualBox:~/Desktop$ sort -r Sample.txt
W
r
o
o
t
l
l
H
e
d
```

Numerical Order

```
sujith@sujith-VirtualBox:~/Desktop$ sort -n Sample.txt
d
e
H
l
l
l
l
2
3
4
5
6
7
8
9
sujith@sujith-VirtualBox:~/Desktop$
```

- 5. Copee is a Hard-Working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates ae there. He needs to find the only one that is different. He sought your help. How will you sort this issue?
 - We will create a Text file "CriminalList"



- 6. What are the Three parts of file's permission?
 - The read permission grants the ability to read a file.
 - The write permission grants the ability to modify a file
 - The execute permission grants the ability to execute a file.